draft-thubert-intarea-schc-over-ppp

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• SCHC over PPP (and then PPP over foo)
• Enables SCHC over
  – Serial, 3GPP
  – Ethernet with PPPoE, Wi-Fi with Ethernet
• Signals
  – A new compression for PPP (Updates RFC 5172)
  – The URL of the data model for the compression
  – Dependency on draft-ietf-lpwan-schc-yang-data-model
Resulting Packet (no Frag example)
Draft status: Stable

• Need refresh – expires March 26th
• The RuleID for a compression rule is expressed as 2 bytes.
• The first (leftmost) 2 bits of that RuleId MUST be set to 0
• Frag: Only No-Ack mode => no out-of-order packet
  – If used with DetNet => may require PREOF reordering
• The RuleID for a fragmentation rule is expressed as 4 bits
  – Reserved 1111 for NO ACK
• Review from LPWAN cc INT AREA ?
Impact on SCHC Architecture

- PPP creates a peerwise relationship as opposed to device/gateway
- None of the end points own the compression rules
- Both fetch them from the same place through URL
Discussion

• Co Authors?
• Add applicability statement?
• Possible extensions?